UTILITY PATENT APPLICATION **TRANSMITTAL**

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Attorney Docket No. Michael P. Lewis First Inventor EXTERNAL COUNTERPULSATION UNIT CUI

APPLICATION ELEMENTS See MPEP chaptor 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB17) Special content of the	(Only for new nonprovision	nal applications under 37 CFR 1.53(L))) Ex	pres	s Mail Label N	o. EU	333 640	680 US
The Transmittal Form (e.g., PTO/SB/17) Total Program (Appendix)				ADL	DRESS TO:	Box Pa	atent Applic	ation
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Applicant claims small entity status. Specification Specification Cross Reference to Related Applications Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to Sequence Isiting, a fable, or a computer program Isiting appendix Bet Summary in the Internation Brief Description of the Drawings (if filed) Detailed Description Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure A. X. Drawing(s) (35 U.S.C. 113) [Total Sheets X.] South or Declaration Total Pages Z.] A. Newly executed (original or copy) Detailed Description Copy from a prior application (37 CFR 1.53 (d)) Detailed Description Description Data Sheet. See 37 CFR 1.76 Deplication Data Sheet. See 37 CFR 1.76 Application Data Sheet Linder 37 CFR 1.76 Continuation Disclosure Total Pages Z.] Till a CONTINUATION OR both Seet application, see 37 CFR 1.76 Continuation Disclosure Disclosure The Internation Disclosure Total Pages Z.] Till CONTINUATION OR Data Sheet Linder See 37 CFR 1.76 Continuation Disclosure The Internation Description of the Search Seet See 37 CFR 1.76 Continuation Disclosure The Internation Disclosure The Internation Disclosure of the Preference of the Search Seet Seet Seet Seet Seet Seet Seet See				7.				ge table or
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- Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence Ising, a table, or a computer program Ising appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. ▼ Drawing(s) (35 U.S.C. 113)				· ` (Form (CRF)
Statement Regarding Fed sponsored R & D Referênce to sequence listing appendix Background of the Invention Britef Summary of the Invention Britef Description of the Drawings (if filed) Detailed Description Claim(S) Claim(S) Detailed Description Claim(S) Claim(S) Abstract of the Disclosure A COMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) TO CFR 3.73(b) Statement	- Descriptive title	of the invention	¥.,	b.	Specification Seq	uence Li	sting on:	
or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Abstract of the Disclosure A CCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 7 CFR 3.73(b) Statement Attorney 10. When there is an assignee) Action Payer of Attorney 11. English Translation Document (if applicable) 12. Signed statement (IDS)/PTO-1449 5. Oath or Declaration 17. Total Pages 18. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) Copy from a prior application (37 CFR 1.63 (d)) Copy from a prior application (37 CFR 1.63 (d)) Copy from a prior application (37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 17. If a CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application information. Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application or divisional application and is breeby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application in fast breeby incorporated by reference. 18. CORRESPONDENCE ADDRESS 18. Correspondence address below Name Keeling Hudson LL.C. 901 North Post Oak Road Address City Houston State Texas Zip Code 77024 Country U.S.A. Telephone 713.680.1447 Fax 713.680.0726				1.	i.□ CD-ROM	or CD-F	R (2 copies)	; or
- Background of the Invention - Brief Summany of the Invention - Brief Summany of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure - Attorney - Preliminary Amendment - Acquire attorney - Atto					ii□ paper	1	- 1	
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Claim(s) - Claim(s) - Claim(s) - Claim(s) - Claim(s) - Abstract of the Disclosure - Abstract of the Disclosure - Abstract of the Disclosure - Claim(s) - Coath or Declaration - Coath or Declaration - Coath or Declaration - Copy from a prior application (37 CFR 1.63 (d)) - Copy from a prior application (37 CFR 1.63 (d)) - Copy from a prior application with Box 17 completed) - Copy from a prior application with Box 17 completed) - Copy from a prior application, see 37 CFR - 1.63(n) - Application Data Sheet See 37 CFR 1.76 - Application Data Sheet See 37 CFR 1.76 - Continuation - Divisional - Continuation - Continuation - Divisional - Continuation - Continuation - Continuation - Divisional - Continuation - Continuation - Continuation - Continuation - Divisional - Continuation - Continuation - Continuation - Divisional - Continuation - Continuation - Divisional - Continuation - Contin				. ·c.	Statements	verifying	identity of	above copies
- Detailed Description - Claim(s) - Claim(s) - Abstract of the Disclosure 4.					ACCOMPANY	ING A	PPLICAT	ION PARTS
Abstract of the Disclosure Abstract of the Disclosure Abstract of the Disclosure Abstract of the Disclosure Actorney Attorney Atto	- Detailed Descri			9.	Assignment	Papers (d	cover sheet	& document(s))
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S. Oath or Declaration Total Pages 2 3 3 3 3 3 3 3 3 3	4 X Drawing(s) (35 U	J.S.C. 113) [Total Sheets 8]		11.	English Tran	slation D	ocument (i	f applicable)
a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) c. Copy from a prior application (37 CFR 1.63 (d)) c. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application from the prior application information: Examiner Group I Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. Correspondence address below Name Keeling Hudson L.L.C.				12.				
Signed statement attached deleting inventor(s) Signed statement attached deleting	a. X Newly exec	uted (original or copy)						
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application No Divisional Continuation-in-part (CIP) of prior application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label O09809 (Insert Customer No. or Atlach bar code label forer) or Correspondence address below	D. (for continua	tion/divisional with Box 17 completed	d)	14. [X Return Rece (Should be s	eipt Posto	card (MPEF ly itemized)	9 503)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application Information: Examiner Group I Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 55, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. IS CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label 009809 or Correspondence address below				15.				
6. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-In-part (CIP) of prior application No:	named in t	the prior application, see 37 CFR		16.		-		· •
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-In-part (CIP) of prior application No.: Prior application Information: Examiner Group I Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS [X] Customer Number or Bar Code Label D09809 (Insert Customer No. or Attach bar code label There) or Correspondence address below Name Keeling Hudson L.L.C. 901 North Post Oak Road Address City Houston State Texas Zip Code 77024 Country U.S.A. Telephone 713.680.1447 Fax 713.680.0726 Name (Print/Type) Kenneth A. Keeling Registration No. (Attorney/Agent) 31,842					Outer. 1x	ÇI.IDAD		
Continuation Divisional Continuation-In-part (CIP) of prior application No Prior application information: Examiner Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS [X] Customer Number or Bar Code Label 009809 or Correspondence address below [Insert Customer No. or Attach bar code label fibere] or Correspondence address below Name Keeling Hudson L.L.C. 901 North Post Oak Road Address City Houston State Texas Zip Code 77024 Country U.S.A. Telephone 713.680.1447 Fax 713.680.0726 Name (PrintiType) Kenneth A. Keeling Registration No. (Attorney/Agent) 31,842	17. If a CONTINUING APPLI	CATION, check appropriate box, and	l supply th	ne requ	uisite information l	below an	d in a prelin	ninary amendment,
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS IX Customer Number or Bar Code Label O09809 (Insert Customer No. or Atlach bar code label here) Name Keeling Hudson L.L.C. 901 North Post Oak Road Address City Houston State Texas Zip Code 77024 Country V.S.A. Telephone Registration No. (Attorney/Agent) 31,842			(CIP)		of prior application No.			
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label D09809 Or Correspondence address below	Prior application information:	Examiner			Group / Art Unit:			
Name Number or Bar Code Label O09809 Or Correspondence address below	Box 5b, is considered a part o	f the disclosure of the accompanying c	ontinuatio	n or div	visional application	and is he	ereby incorp	orated by reference.
Name Keeling Hudson L.L.C. 901 North Post Oak Road Address City Houston State Texas Zip Code 77024 Country U.S.A. Telephone 713.680.1447 Fax 713.680.0726 Name (Print/Type) Kenneth A. Keeling Registration No. (Attorney/Agent) 31,842					· ********			
901 North Post Oak Road	X Customer Number or Bar Cod		lach bar code) label h			orrespondence	address below
Address City Houston State Texas Zip Code 77024 Country U.S.A. Telephone 713.680.1447 Fax 713.680.0726 Name (Print/Type) Kenneth A. Keeling Registration No. (Attorney/Agent) 31,842	Name	Keeling Hudson L.L.C.						
Address City Houston State Texas Zip Code 77024 Country U.S.A. Telephone 713.680.1447 Fax 713.680.0726 Name (Print/Type) Kenneth A. Keeling Registration No. (Attorney/Agent) 31,842		901 North Post Oak Road						
Country. U.S.A. Telephone 713.680.1447 Fax 713.680.0726 Name (Print/Type) Kenneth A. Keeling Registration No. (Attorney/Agent) 31,842	Address							
Country U.S.A. Telephone 713.680.1447 Fax 713.680.0726 Name (Print/Type) Kenneth A. Keeling Registration No. (Attorney/Agent) 31,842	City	Houston	Sta	ate	Texas		Zip Code	77024
		U.S.A.			713.680.1447			
	Name (Print/Type)	Kenneth A. Keeling		Rec	gistration No. (A	ttornevl	Agent)	31,842
	Signature	11111			<u> </u>			

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

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Complete if Known					
Application Number					
Filing Date					
First Named Inventor	Michael P. Lewis				
Examiner Name					
Group Art Unit	•				
Attorney Docket No.					

METHOD OF PAYMENT	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any overnouments to	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to: Deposit	Large Small				
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Account Name KEELING HUDSON L.L.C.	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status	139 130 139 130 Non-English specification				
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. Payment Enclosed: Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	_			
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 400 216 200 Extension for reply within second month	\dashv			
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month				
101 740 201 370 Utility filing fee 375.00	118 1,440 218 720 Extension for reply within fourth month				
106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month	[
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal				
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal				
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing				
SUBTOTAL (1) (\$) 375.00	138 1,510 138 1,510 Petition to institute a public use proceeding				
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2. EXTRA CLAIM FEES Fee from	141 1,280 241 640 Petition to revive - unintentional				
Extra Claims below Fee Paid Total Claims 20 -20** = 0 X 0.00 = 0.00	142 1,280 242 640 Utility issue fee (or reissue)	\dashv			
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103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid	146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))				
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 0.00	Other fee (specify)	_			
**or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00				

SUBMITTED BY			Complete (i	f applicable)
Name (Print/Type)	KENNETH A. KEELING	Registration No. (Attorney/Agent) 31,842	Telephone	713-680-1447
Signature	lalle.		Date	06/26/2003

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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First N	lamed Inventor	Michael P. Lewis				
Title	EXTERNAL UNIT CUFF	COUNTERPULSATION				
Atty D	ocket Number					

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

June 26, 2003

Date

Signature

Kenneth A. Keeling

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applica	int: Mich	ael P	. Lewis) .	· · · · · ·
Serial N	lo.:)	Art Unit:
Filed:)	Examiner:
For:	EXTERN	IAL C	COUNTERP	ULSATION I	JNIT CU	FF

MAIL STOP: Patent Application Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

June 26, 2003

CERTIFICATE OF MAILING

I hereby certify that these eight (8) sheets of drawings are being deposited with the United States Postal Service as Express Mail Number <u>EU 333 640 680 US</u> in an envelope addressed to: MAIL STOP: Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Kenneth A. Keeling

June 26, 2003
Date of Signature

June 26, 2003 Keeling Hudson L.L.C. 901 N. Post Oak Road Houston, Texas 77024-3845 (713) 680-1447 (713) 680-0726 FAX